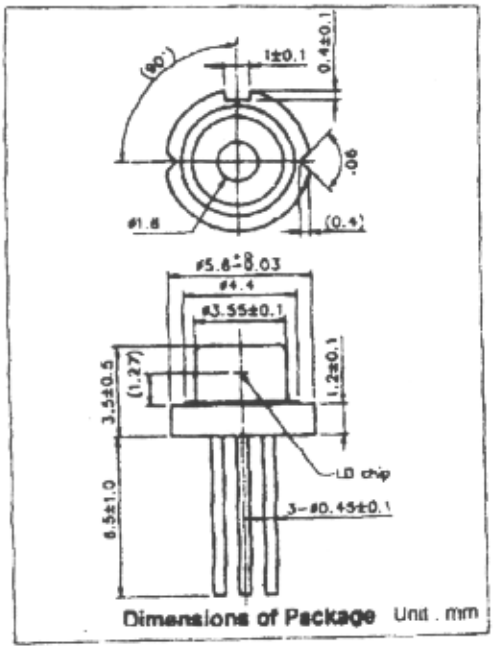
808nm 5mW

OPTICAL AND ELECTRICAL CHARACTERISTICS (Tc=25 °C)

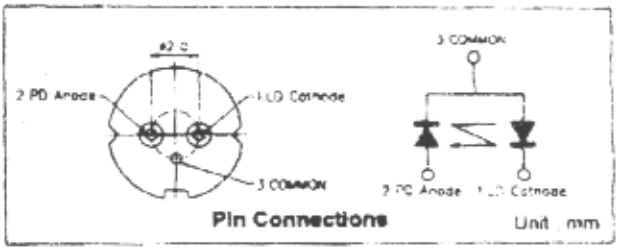
	Symobl	Min.	Typ.	Max.	Test Conditions
Optical Output Power (mW)	Po	---	---	5	Kink free
Threshold current (mA)	I_{th}	20	25	40	
Opearting current (mA)	I_{op}	---	40	50	Po=5mW
Operating voltage (V)	V_{op}	---	---	2.5	Po=5mW
Lasing wavelength (nm)	λp	790	808	810	Po=5mW
Beam divergence (Degree)	$\theta //$	5	8	11	Po=5mW
Beam divergence (Degree)	$\theta \perp$	25	31	37	Po=5mW
Monitor current (μA)	I_m	---	10	0.6	Po=5mW V_R=5V
Astigmatism (μm)	As	---	5	---	Po=5mW NA=0.4

ABSOLUTE MAXIMUM RATINGS (Tc=25 °C)

	SYMBOL	RATED VALUE
Optical output power (mW)	po	5
LD reverse voltage (V)	$V_{R(LD)}$	2
PD reverse voltage (V)	$V_{R(PD)}$	30
Opearting temperature (°C)	Topr	-10 to +40
Storage temperature (°C)	Tstg	-40 to +85



Dimensions of Package Unit . mm



Pin Connections Unit . mm